

OSI LAYERS

7	APPLICATION
6	PRESENTATION
5	SESSION
4	TRANSPORT
3	NETWORK
2	DATA LINK
1	PHYSICAL

FIG. 1
(PRIOR ART)

IP ADDRESS; 10

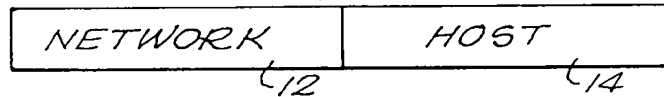


FIG. 2
(PRIOR ART)

	ADDRESS, 40	PREFIX LENGTH, 42	INTERFACE, 44
30	1.0.0.0	8	C
32	1.2.3.0	24	B
34	1.2.4.0	24	A
36	1.2.0.0	16	A

FIG. 4A
(PRIOR ART)

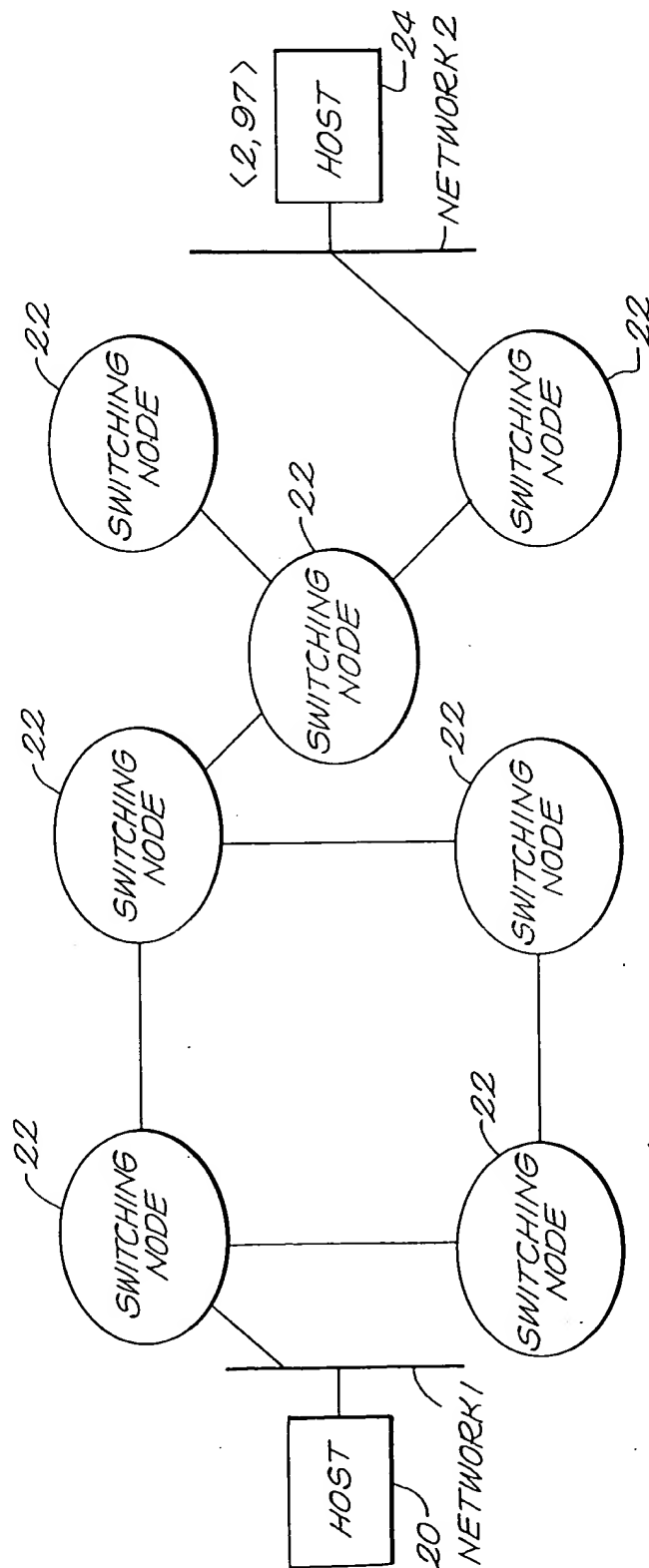


FIG. 3
(PRIOR ART)

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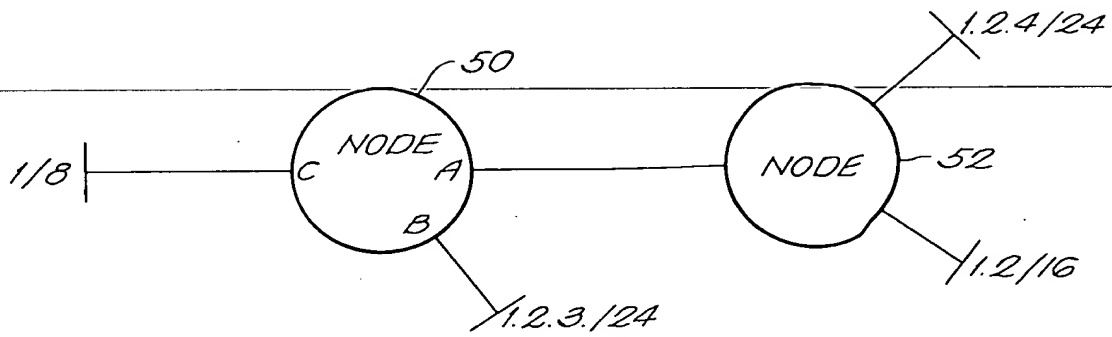


FIG. 4B
(PRIOR ART)

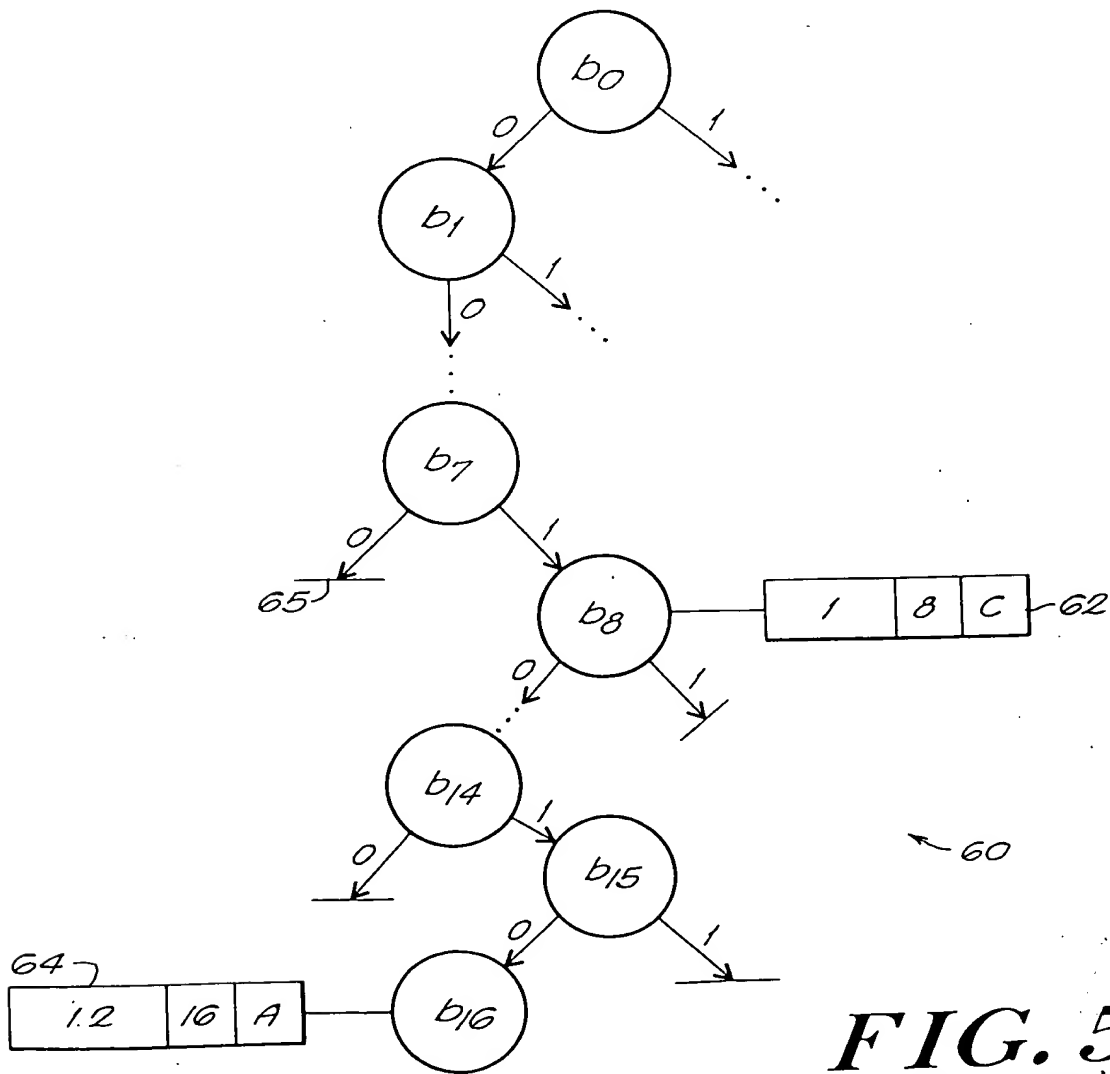


FIG. 5
(PRIOR ART)

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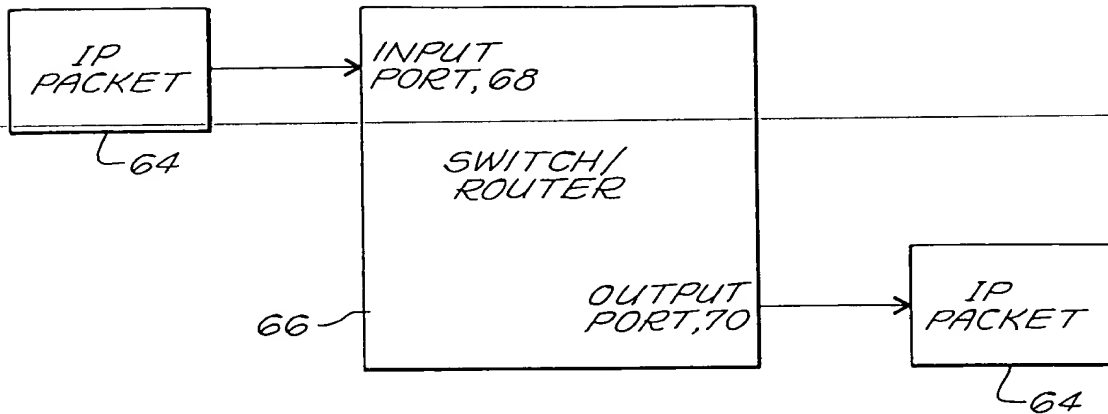


FIG. 6

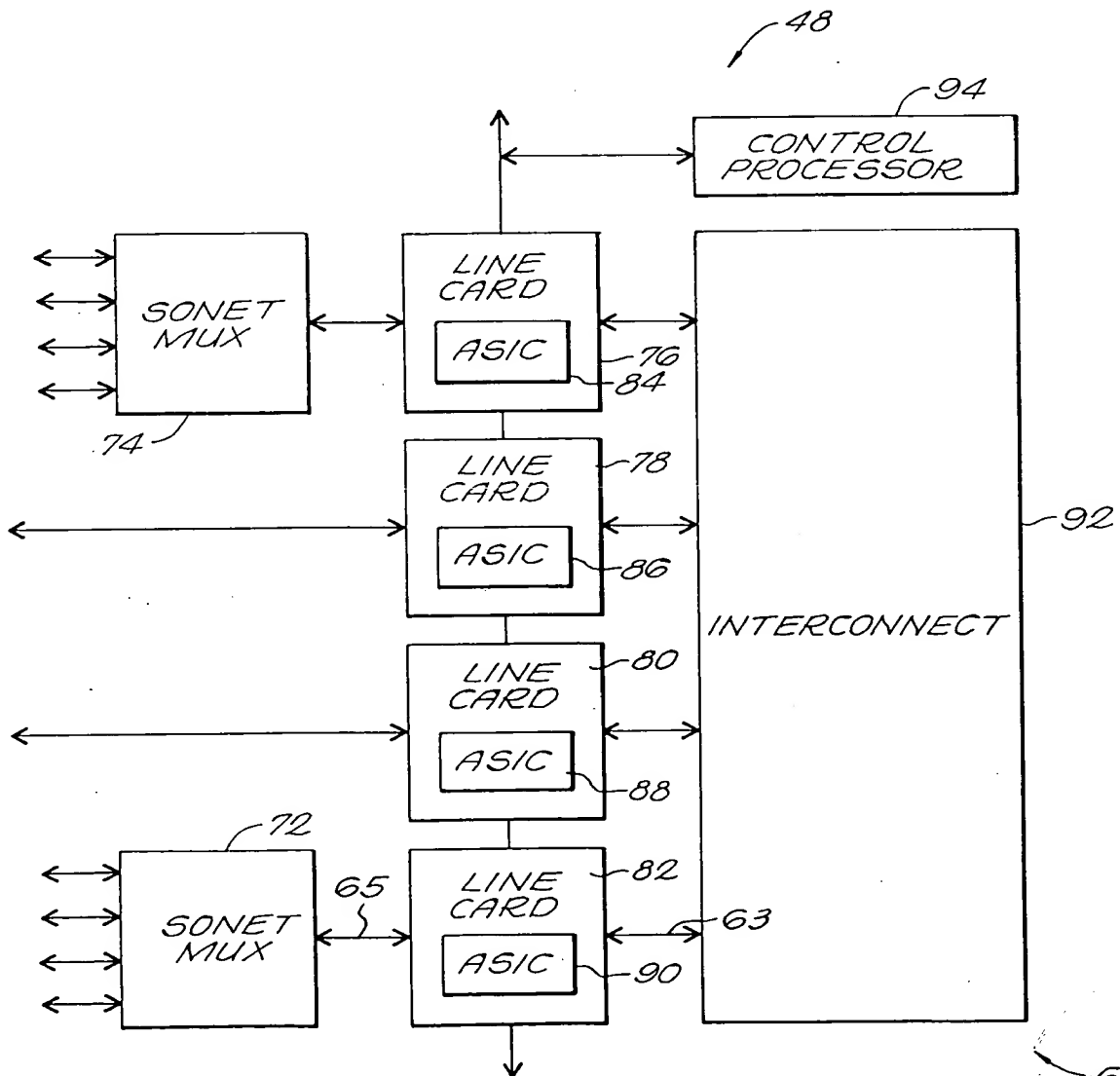
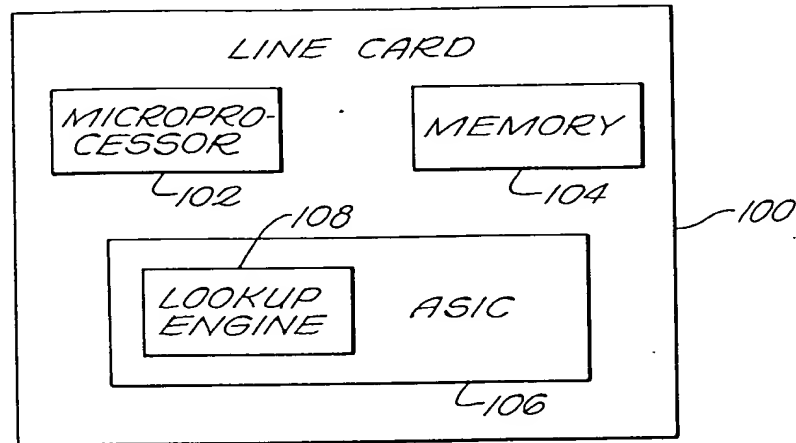
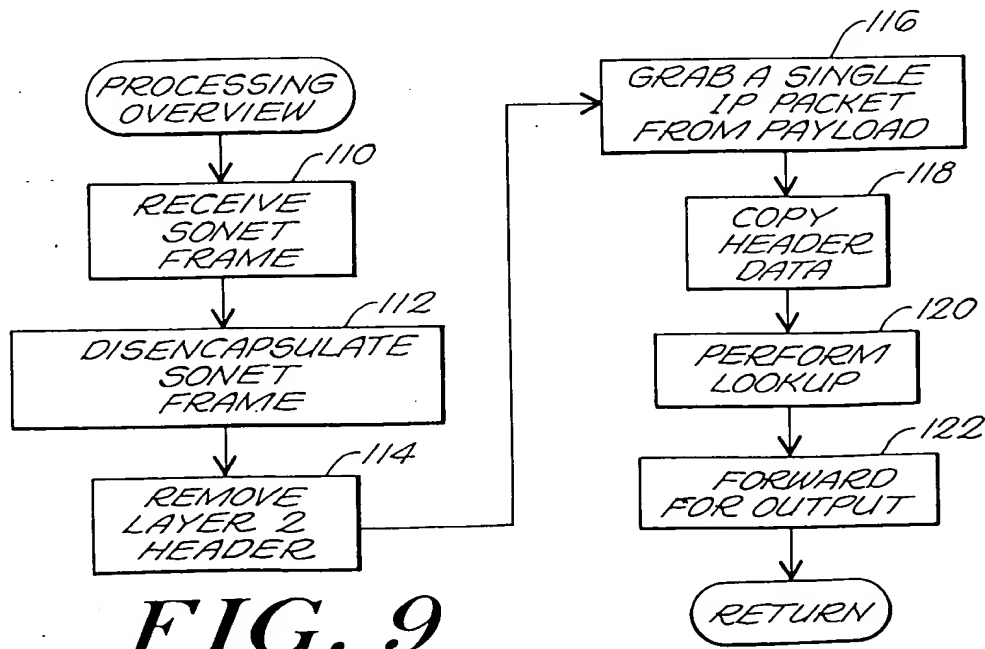
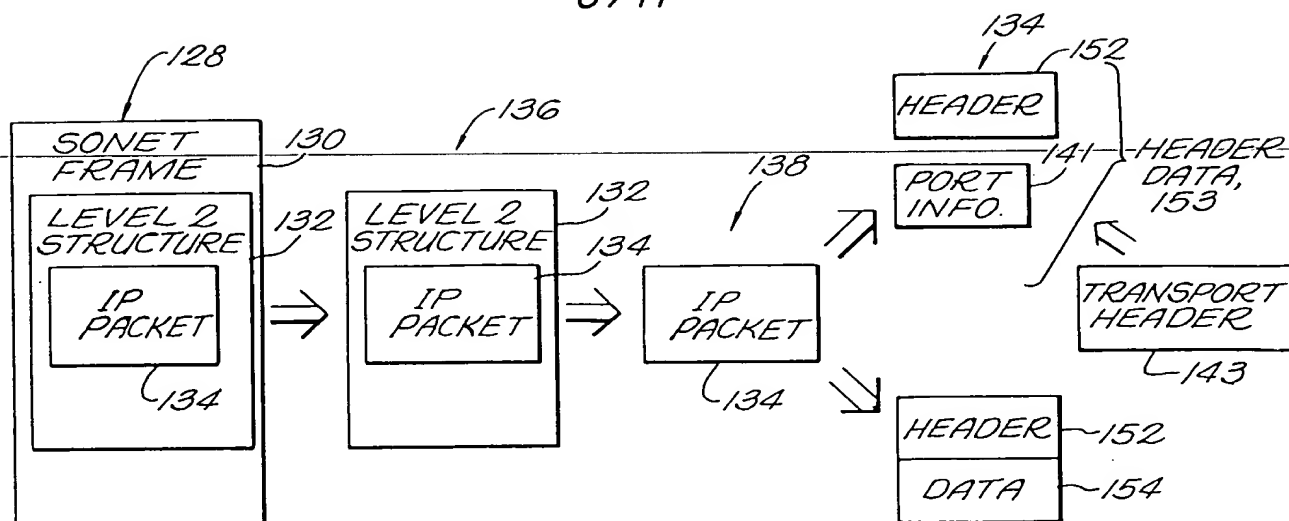
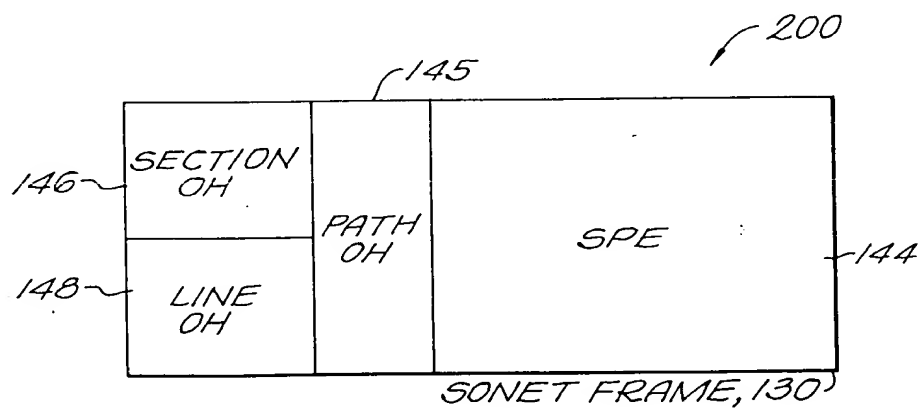
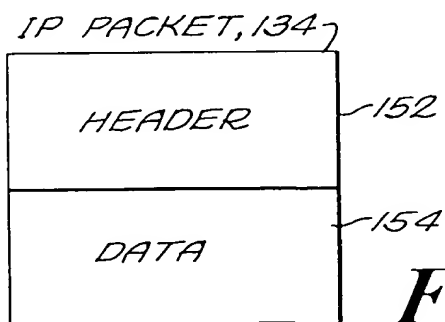


FIG. 7

**FIG. 8****FIG. 9**

**FIG. 10****FIG. 11****FIG. 12**

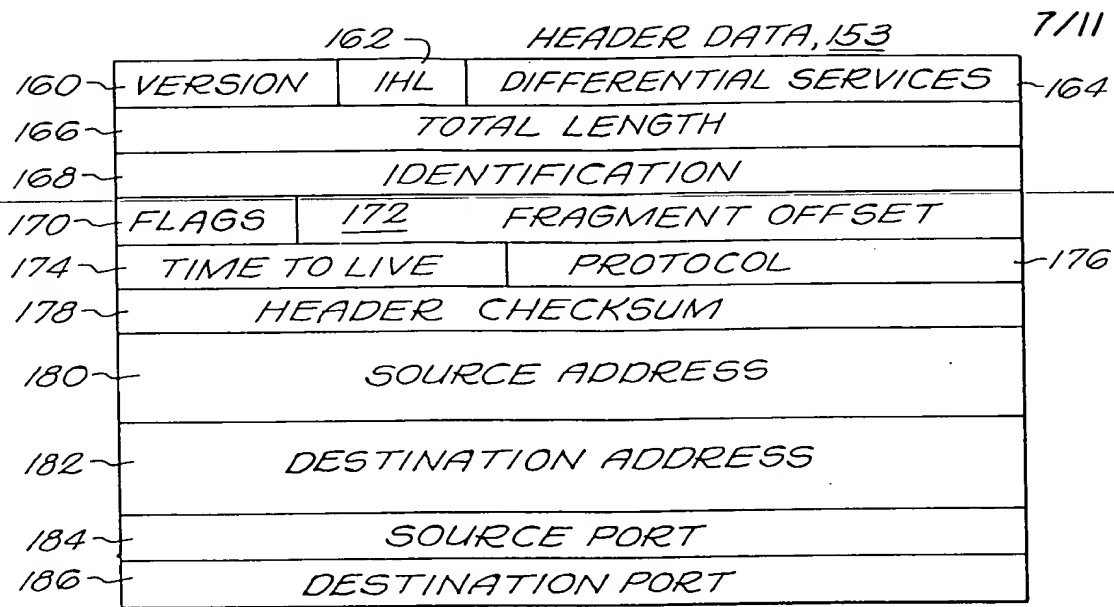


FIG. 13

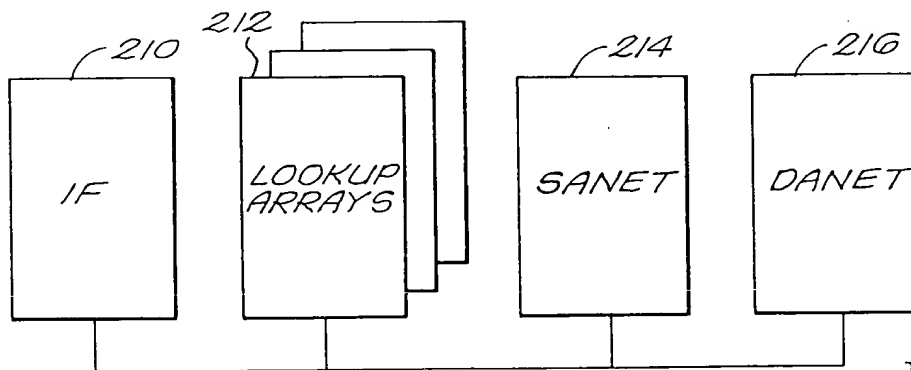


FIG. 14

INTERFACE STRUCTURE, 210

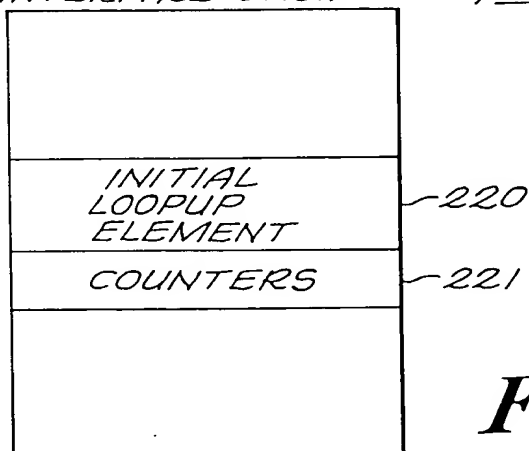
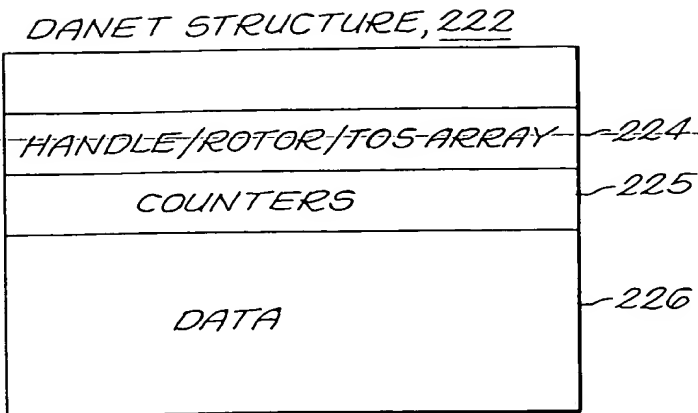
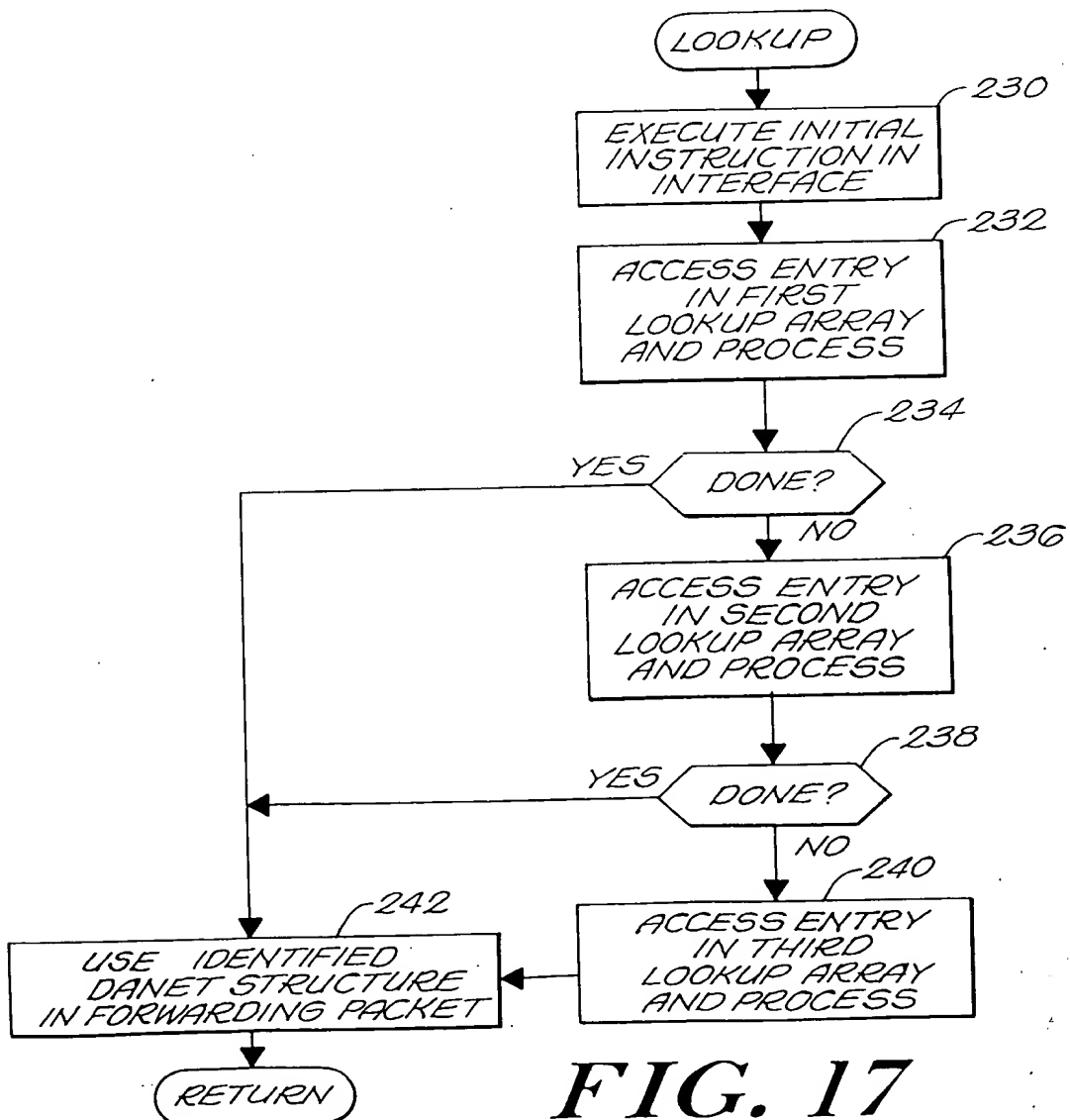
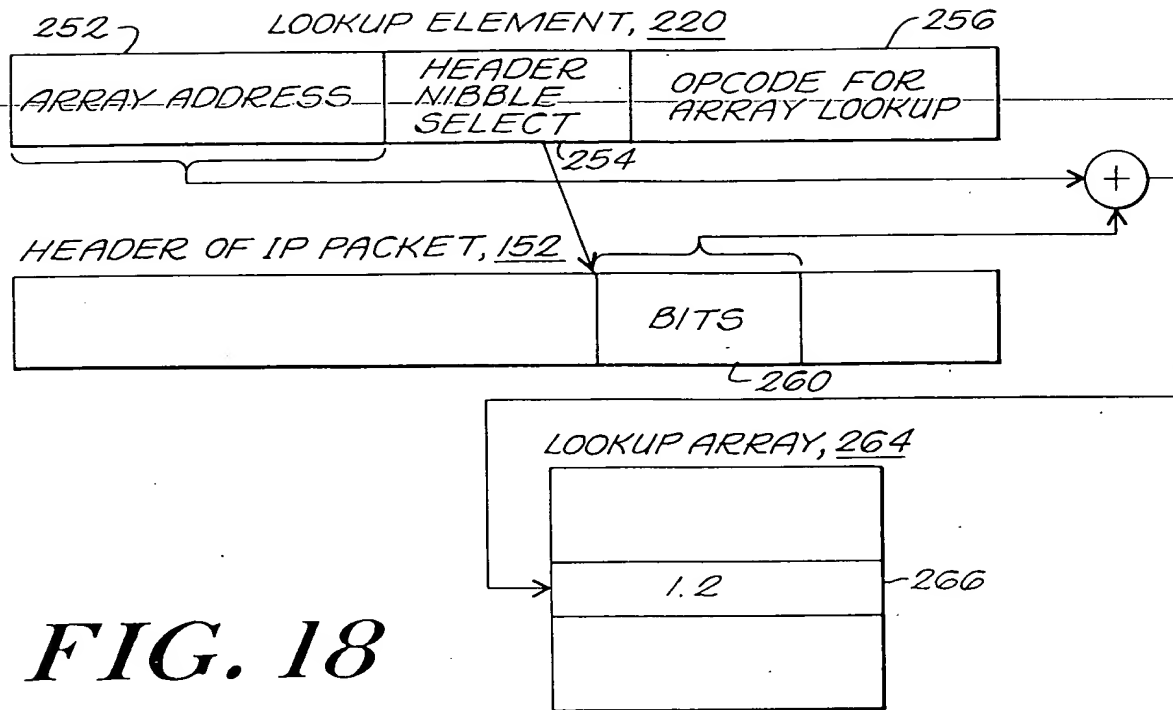
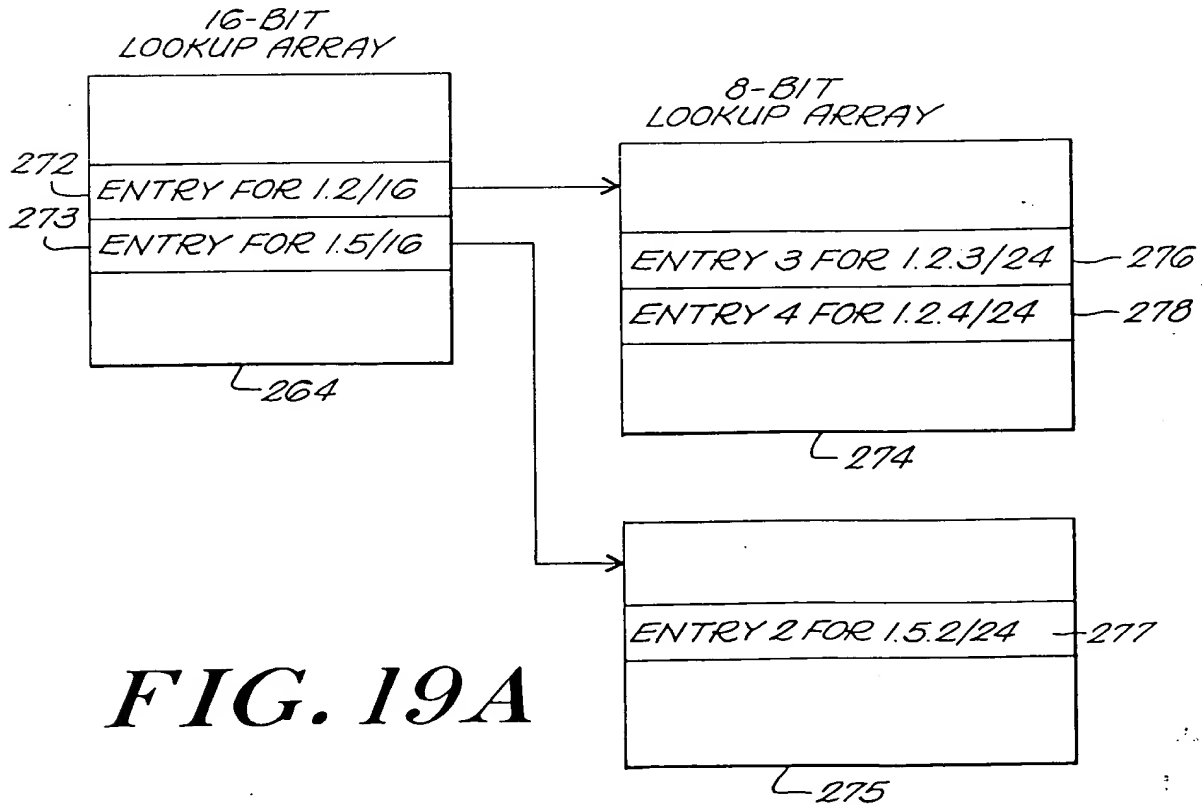


FIG. 15

**FIG. 16****FIG. 17**

**FIG. 18****FIG. 19A**

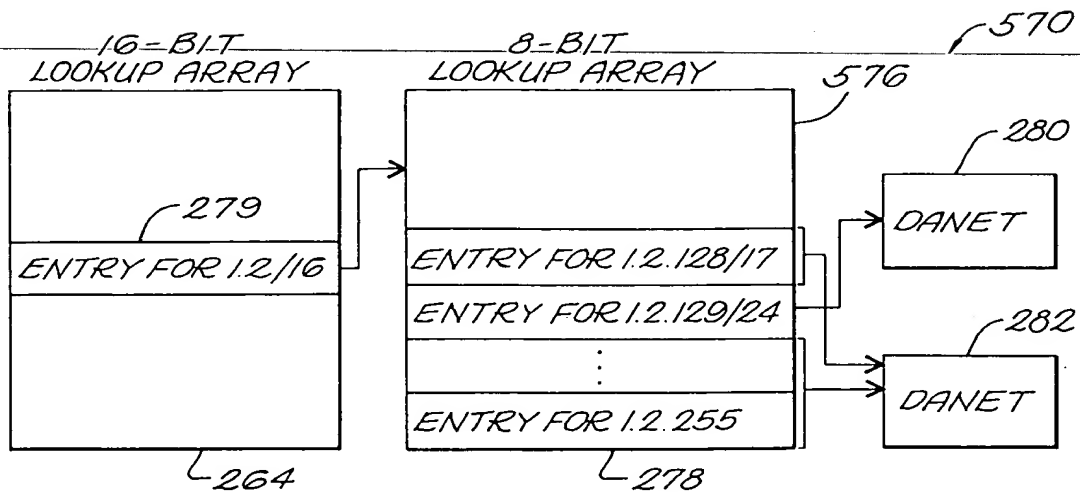


FIG. 19B

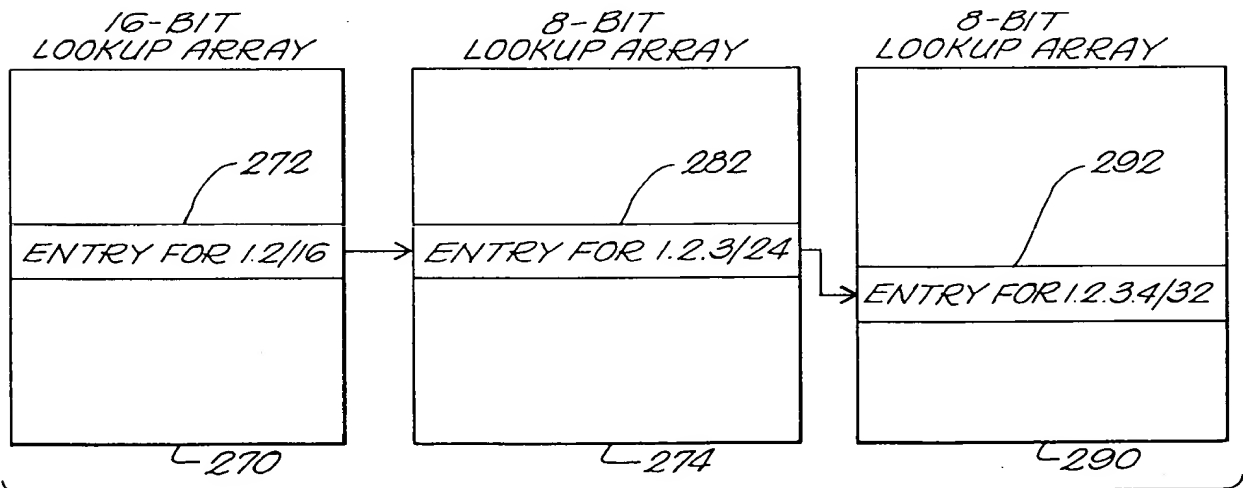
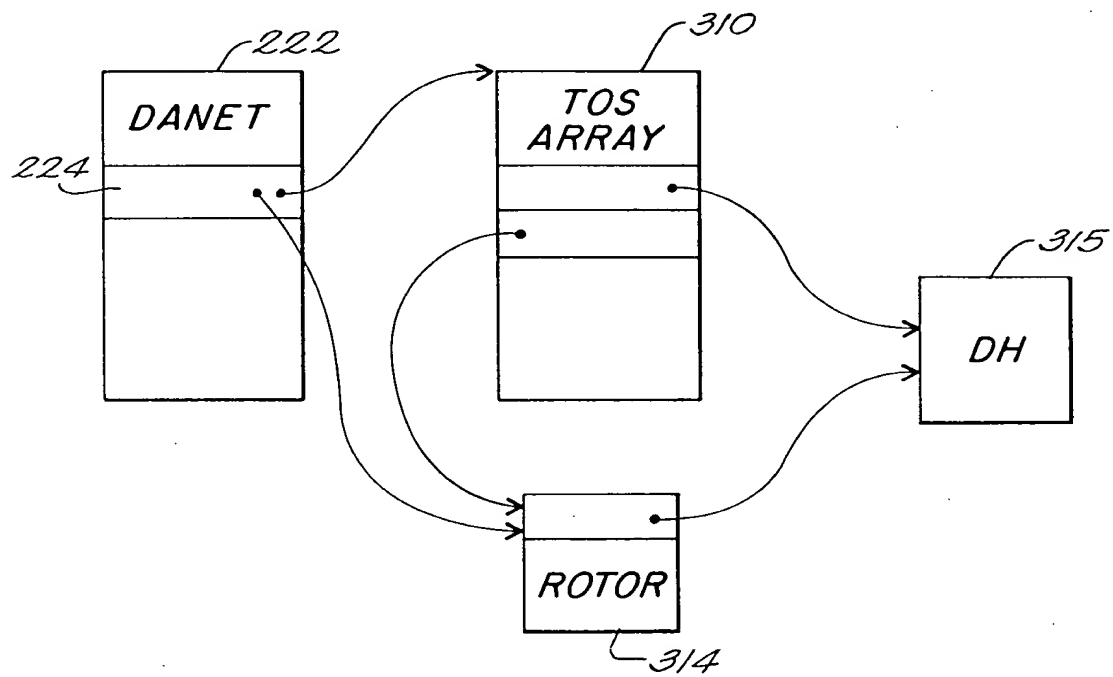


FIG. 19C

LOOKUP ELEMENT, 300

ARRAY ADDRESS	HEADER NIBBLE SELECT	OPCODE.
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FIG. 20

**FIG. 21**